

WHAT IS CLAIMED IS:

1 A home server, which receives a requirement sent from
a sending source (a calling-up person or machine) via a
5 communication line, offers an internet service, and controls
equipment connected to a home server in its own home, said
home server comprising:

telephone number coincidence-checking means (a unit
for confirming on a registration of a telephone number
10 corresponding to a telephone accessing the home server) for
determining whether or not it can be accepted to perform said
requirement sent from the sending source;

modem means for receiving said requirement, which has
been accepted by said telephone number coincidence-checking
15 means;

protocol-processing means for converting a signal of
said requirement to an internet service;

internet service-offering means for offering said
internet service corresponding to said requirement to said
20 sending source, which has been converted by said
protocol-processing means; and

control means for controlling equipment in said home
if said internet service, which is to be offered by said
internet service-offering means, needs a control process
25 concerning said internet serve;

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2. A home server, which receives a requirement sent from a sending source (a calling-up person or machine) via a communication line, offers an internet service, and controls equipment connected to a home server in its own home, said
5 home server comprising:

telephone number coincidence-checking means (a unit for confirming on a registration of a telephone number corresponding to a telephone accessing the home server) for determining whether or not it can be accepted to perform said
10 requirement sent from the sending source;

modem means for receiving said requirement, which has been accepted by said telephone number coincidence-checking means;

protocol-processing means for converting a signal of
15 said requirement to an internet service; and

internet service-offering means for offering said internet service corresponding to said requirement to said sending source, which has been converted by said
protocol-processing means

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3. A home server, which receives a requirement sent from a sending source (a calling-up person or machine) via a communication line, offers an internet service, and controls equipment connected to a home server in its own home, said
25 home server comprising:

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telephone number coincidence-checking means (a unit for confirming on a registration of a telephone number corresponding to a telephone accessing the home server) for determining whether or not it can be accepted to perform said requirement sent from the sending source;

modem means for receiving said requirement, which has been accepted by said telephone number coincidence-checking means; and

protocol-processing means for converting a signal of said requirement to an internet service

4. A home server, which receives a requirement sent from a sending source (a calling-up person or machine) via a communication line, offers an internet service, and controls equipment connected to a home server in its own home, said home server comprising:

telephone number coincidence-checking means (a unit for confirming on a registration of a telephone number corresponding to a telephone accessing the home server) for determining whether or not it can be accepted to perform said requirement sent from the sending source; and

modem means for receiving said requirement, which has been accepted by said telephone number coincidence-checking means

5. A home server, which receives a requirement sent from a sending source (a calling-up person or machine) via a communication line, offers an internet service, and controls equipment connected to a home server in its own home, said home server comprising:

modem means for receiving said requirement, which has been accepted by said telephone number coincidence-checking means;

protocol-processing means for converting a signal of said requirement to an internet service; and

internet service-offering means for offering said internet service corresponding to said requirement to said sending source, which has been converted by said protocol-processing means

6. An internet service system comprising:

an information terminal for requiring an internet service;

a communication line for transiting said internet service; and

a home server according to claim 1, for receiving said transmitted internet service;

wherein said internet service can be implemented by said information terminal.

7. An internet service system comprising:

an internet for transmitting an internet service
required from a sending source;

5 a service provider which receives said internet service
from said internet, and implements said connection between
said sending source and a receiving destination to which said
sending source intends to connect;

an communication line for transmitting said internet
service; and

10 a home server according to claim 1, which receives said
sent internet service;

wherein said internet service can be implemented from
said internet.

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